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Product datasheet for SC304788

FGF22 (NM_020637) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FGF22 (NM_020637) Human Untagged Clone
Tag:	Tag Free
Symbol:	FGF22
Mammalian Cell Selection:	None
Vector:	pCMV6-XL5
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_020637 edited CGCCACCATGCGCCGCCGCCTGTGGCTGGGCCTGGCCTGGCTGCTGCTGGCGCGGGCGCC GGACGCCGCGGGAACCCCGAGCGCGTCGCGGGGACCGCGCAGCTACCCGCACCTGGAGGG CGACGTGCGCTGGCGGCGCCTCTTCTCCTCCACTCACTTCTTCCTGCGCGTGGATCCCGG CGGCCGCGTGCAGGGCACCCGCTGGCGCCACGGCCAGGACAGCATCCTGGAGATCCGCTC TGTACACGTGGGCGTCGTGGTCATCAAAGCAGTGTCCTCAGGCTTCTACGTGGCCATGAA CCGCCGGGGCCGCCTCTACGGGTCGCGACTCTACACCGTGGACTGCAGGTTCCGGGAGCG CATCGAAGAGAACGGCCACAACACCTACGCCTCACAGCGCTGGCGCCGCCGCGGCCAGCC CATGTTCCTGGCGCTGGACAGGAGGGGGGGGCCCCGGCCAGGCGGCCGGACGCGGCGGTA CCACCTGTCCGCCCACTTCCTGCCCGTCCTGGTCTCCTGA
Restriction Sites:	Please inquire
ACCN:	NM_020637
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
OTI Annotation:	It is not a varient.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

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Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_020637.1, NP_065688.1
RefSeq Size:	513 bp
RefSeq ORF:	513 bp
Locus ID:	27006
UniProt ID:	Q9HCT0
Cytogenetics:	19p13.3
Protein Families:	Secreted Protein
Protein Pathways:	MAPK signaling pathway, Melanoma, Pathways in cancer, Regulation of actin cytoskeleton
Gene Summary:	The protein encoded by this gene is a member of the fibroblast growth factor (FGF) family. FGF family members possess broad mitogenic and cell survival activities and are involved in a variety of biological processes including embryonic development, cell growth, morphogenesis, tissue repair, tumor growth and invasion. The mouse homolog of this gene was found to be preferentially expressed in the inner root sheath of the hair follicle, which suggested a role in hair development. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2014] Transcript Variant: This variant (1) encodes the longer isoform (1).